Date: 10/11/2000 2:51 PM

Subject: Sand Lake NWR Weekly Waterfowl Estimate - 10/11/2000

Waterfowl Estimates for Sand Lake NWR - 10/22/2000

Canada Geese - 1700

Snow Geese - 0

Ducks - 45,000

Swans - 120

Most speceis of ducks are still represented, but blue-winged teal numbers have dropped considerably. Good numbers of mallards, shovelers, and gadwalls, with increases during the last week in green-winged teal and the diving ducks.

The swans are located in Sand Lake.

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North Dakota Refuges/WMD Snow Goose Estimates

Des Lacs NWR - 8,000

Devil's Lake WMD - Some small flocks

J. Clark Salyer NWR - 40,000 to 50,000

Upper Souris NWR - 10,000 to 20,000

Date: 10/18/2000 1:28 PM

Subject: Sand Lake NWR Weekly Waterfowl Estimate - 10/18/2000

Waterfowl Estimates for Sand Lake NWR - 10/18/2000

Canada Geese - 2800

Snow Geese - 200

Ducks - 60,000

Swans - 200

The first flocks of small Canada geese were observed in the refuge area this past week.

Duck numbers rose from last week, with a big increase in gadwalls, and also increases in pintails and canvasbacks. There are good numbers of mallards on the refuge. The corn harvest is underway in the area, so these fields will soon be available for waterfowl to feed in.

Most of the swans are located in Sand Lake.

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North Dakota Refuges/WMD Snow Goose Estimates

Des Lacs NWR - 23,000

Devil's Lake WMD - Some small flocks

J. Clark Salyer NWR - 100,000

Upper Souris NWR - 20,000

Date: 10/25/2000 10:48 AM

Subject: Sand Lake NWR Weekly Waterfowl Estimate - 10/25/2000

Waterfowl Estimates for Sand Lake NWR - 10/25/2000

Canada Geese - 4500

Snow Geese - 1400

Ducks - 150,000

Swans - 200

There are good numbers of Canada geese throughout the south half of the refuge.

- 1000

Duck numbers took a significant jump this week, with an big influx of mallards. The majority of ducks on the refuge are mallards, along with good numbers of gadwalls, pintails, and shovelers. The majority of diving ducks using the refuge are canvasbacks, with some lesser scaup beginning to show up. Mallards are beginning to feed in the harvested corn fields in the refuge area. There are also good numbers of mallards using Putney Slough, southeast of Sand Lake.

Snow goose numbers are just starting to build. The biggest flock is located just south of highway 10.

Swan numbers remained the same as last week.

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Date: 11/1/00 3:26 PM

Normal

TO: Ryan Frohling, Scott Glup, Marcia Haaland, John Jave, John Koerner, Allen Olson,

Beth Ullenberg, Brian Wehausen

Subject: Sand Lake NWR Weekly Waterfowl Estimate - 11/01/2000

----- Message Contents

Waterfowl Estimates for Sand Lake NWR - 11/01/2000

Canada Geese - 5000

Snow Geese - 3000

Ducks - 150,000

Swans - 280

There are good numbers of Canada geese throughout the refuge.

Snow goose numbers increased a little from last week. The biggest flock is located near highway 10.

Duck numbers remained the same as last week. The majority of ducks on the refuge are mallards, along with good numbers of pintails and shovelers. The majority of diving ducks currently using the refuge are canvasbacks. Mallards have been feeding in harvested corn fields in the refuge area. There are also good numbers of mallards using Putney Slough, southeast of Sand Lake.

Swan numbers increased slightly from last week.

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North Dakota Refuges/WMD Snow Goose Estimates

Des Lacs NWR - 60,000

Devil's Lake WMD - Numbers improving slowly; huntable populations

J. Clark Salyer NWR - 100,000

Upper Souris NWR - 20,000

Date: 11/8/00 3:23 PM

Priority: Normal

TO: bill.antonides@state.sd.us at ~INTERNET, Don.Soderlund@state.sd.us at ~INTERNET,

iadnrcl@netins.net at ~INTERNET, joan.delight@state.sd.us at ~INTERNET,

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Will.Morlock@state.sd.us at ~INTERNET

Subject: Sand Lake NWR Weekly Waterfowl Estimate - 11/08/2000

Waterfowl Estimates for Sand Lake NWR - 11/08/2000

Canada Geese - 4000

Snow Geese - 175,000

Ducks - 250,000

Swans - 200

Things have changed alot since last week. On 11/3, many snow geese moved into the Sand Lake area. There was an estimated 100,000 snows on the refuge over the weekend. The winter storm on 11/7 moved more snow geese into the area. Approximately 175,000 snows were on the refuge this morning, and have been out feeding most of the day. It is not known if these birds will remain in the area or contine south. We received about 4 inches of snow and some shallow parts of the refuge lakes are iced over. Temperatures are supposed to drop to 10 degrees tonight, with little wind, so the lakes may freeze over. Another storm is predicted for the area this weekend.

Duck numbers have also increased. Mallards comprise most of this increase, along with some large flocks of diving ducks, especially lesser scaup.

Canada goose numbers dropped some, as did tundra swan numbers.

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North Dakota Refuges/WMD Snow Goose Estimates

Des Lacs NWR - 300,000 over the weekend; numbers dropped considerably during the last few days. Received about 8 inches of snow.

Devil's Lake WMD - Not many birds left. Received 6 inches of snow

J. Clark Salyer NWR - Just a few thousand left. Received 15 inches of snow

Upper Souris NWR - Very few birds left. Received 8 inches of snow

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DeSoto NWR - Snow geese moving in today.